

As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
ίì	continuation
įį	continuation-in-part

This declaration is of the following type:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL-GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION PROCESSES

SPECIFICATION IDENTIFICATION

The specification of which:

[] is attached hereto
[X	The state of the s
	herewith; or
[
	and was amended on (if applicable)
[]] was described and claimed in PCT International Application No
filed on	and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

In compliance with this duty there is attached an Information Disclosure Statement in [] accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

				en 1			
	[x] No such applications have been filed.						
	[]	Such app	olications have been fi	led as follows:			
A.			CT application(s) file any priority claims t			or design) prid	or to this
	Coun	try/PCT	Application No	Date Fil	<u>ed</u>	Priority Claim	<u>ed</u>
							No No No
В.		eign application	cation(s), if any, filed	more than 12 m	os. (6 mos for	design) prior to	o this
	Country Applica Filing d	ition No:					
C.	U.S. Pr	ovisional	Application filed wit	hin 12 months p	rior to this app	lication	
	Serial I	<u>No.</u>		Filing Date			
PRIORITY CLAIM (35 U.S.C. §120)							
I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filling date of the prior application(s) and the national or PCT international filling date of this application.							
	[x]		applications have bee plications have been fi				
	Serial N Abando		Filing Date	Patented	Status <u>Pendi</u>		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson THOMASON, MOSER & PATTERSON, L.L.P. 713-623-4844

DECLARATION

Full name of sole or fire	st inventor:	Mark M. Hytros		
Inventor's M	Jack Hy		Date:	4/1/02
Residence:	Santa Clara, Ca	alifornia		
Post Office Address:	592 Mill Creek I Santa Clara, C U.S.A.	A 95054	Country	of Citizenship: U.S.A.

Full name of second in	nventor: Truc T. Tran	
Inventor's signature:		Date:
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terra Fremont, CA 94539 U.S.A.	ce Country of Citizenship: U.S.A.
Full name of third inve	ntor: Salvador P. Um	notoy
Inventor's signature:		Date:
Residence:	Antioch, California	
Post Office Address:	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inv	ventor: Lawrence Chur	ng-Lai Lei
Inventor's signature:		Date:
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Driv Milpitas, CA 95035 U.S.A.	
Full name of fifth inver	ntor: Avgerinos Gela	tos
Inventor's signature:		Date:
Residence:	Redwood City, Californi	a
Post Office Address:	2651 Eaton Avenue Redwood City, CA 940 U.S.A.	062 Country of Citizenship: U.S.A.
Full name of sixth inve	entor: Tong Zhang	
Inventor's signature:		_Date:
Residence:	Palo Alto, California	
Post Office Address:	870 Loma Verde Avent Palo Alto, CA 94303 U.S.A.	ue Country of Citizenship: U.S.A.

E:Vorms\Appm\New-Patent\Merge\DECLARE.MRG.doc

COMBINED DECLARATION AND DEWER OF ATTORNEY

As a below named invent r, I hereby declare that:

This declaration	n is of the following type:	COPY OF PAPERS ORIGINALLY FILED
[X] []	original divisional	TILLY FILED
[]	continuation continuation-in-part	
	INVENTORSHIP IDENTIFICATION	
original first ar	post office address and citizenship are as stated below next to my name. Independent of the sole inventor (if only one name is listed below) or an original, first are relisted below) of the subject matter which is claimed and for which a postitled:	nd joint inventor (if
DUAL-	GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION PRO	CESSES
	SPECIFICATION IDENTIFICATION	
The specification	on of which:	
[] [x] []	is attached hereto was filed on December 27, 2001 , under Serial No. 10/033,544, exec herewith; or Express Mail No.()	uted on even date
[]	and was amended on (if applicable) was described and claimed in PCT International Application No and as amended under PCT Article 19 on	·
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CAND	OOR
I hereby state including the cl	that I have reviewed and understand the contents of the above-iden aims, as amended by any amendment referred to above.	tified specification,
I acknowledge Title 37, Code	the duty to disclose all information I know to be material to patentability of Federal Regulations, §1.56, and which is material to the examination	in accordance with of this application;

namely, information where there is a substantial likelihood that a reasonable Examiner would consider it

In compliance with this duty there is attached an Information Disclosure Statement in

important in deciding whether to allow the application to issue as a patent, and

accordance with 37 CFR §1.98.

[]

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

				en. J		
	[x] No such applications have been filed.					
	[]	Such app	lications have been file	ed as follows:		
A.	Prior 1 applica	oreign/PC ation, and	CT application(s) file any priority claims u	d within 12 mos nder 35 U.S.C. §1	s. (6 mos. fo 19	or design) prior to this
	Coun	try/PCT	Application No	Date File	<u>d</u>	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign appli oplication	cation(s), if any, filed	more than 12 mo	s. (6 mos for	design) prior to this
	Country Applica Filing d	ition No:				
C.	U.S. Provisional Application filed within 12 months prior to this application					
	<u>Serial</u>	No.		Filing Date		
PRIORITY CLAIM (35 U.S.C. §120)						
I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.						
	[x]	No such Such ap	applications have been fil	n filed ed, as follows:		
	Serial Aband		Filing Date	<u>Patented</u>	Status <u>Pendi</u>	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson THOMASON, MOSER & PATTERSON, L.L.P. 713-623-4844

DECLARATION

ruil name of sole or ti	rst inventor: Mark M. Hytr	os
Inventor's signature:		Date:
Residence:	Santa Clara, California	
Post Office Address:	592 Mill Creek Lane, #301 Santa Clara, CA 95054 U.S.A.	. Country of Citizenship: U.S.A.

Full name of second in	nventor: Truc T. Tran	
Inventor's signature:		Date:
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terrac Fremont, CA 94539 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inve	ntor: Salvador P. Um	otoy
Inventor's signature:		Date:
Residence:	Antioch, California	
	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inv	entor: Lawrence Chun	g-Lai Lei
Inventor's signature:		Date:
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Drive Milpitas, CA 95035 U.S.A.	
Full name of fifth inven	tor: Avgerinos Gela	tos
Inventor's signature:		Date:
	Redwood City, California	
Post Office Address:	2651 Eaton Avenue Redwood City, CA 940 U.S.A.	62 Country of Citizenship: U.S.A.
Full name of sixth inve	ntor: Tong Zhang	
Inventor's signature:	on Hicon	Date: 3/30/2002
Residence:	Salo Alto, California	
Post Office Address:	870 Loma Verde Avenu Palo Alto, CA 94303 U.S.A.	e Country of Citizenship: U.S.A.

E://orms/Appm/New-Patent/Merge/DECLARE.MRG.doc



As a below named inventor, I hereby declare that:

This declarat	on is of the following type:	ORIGINALLY CO
[X] [] []	original divisional continuation continuation-in-part	ALLY FILED

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL-GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION PROCESSES

SPECIFICATION IDENTIFICATION

The specification of which:

[]	is attached hereto
[X]	was filed on December 27, 2001, under Serial No. 10/033,544, executed on even date
	herewith; or
[]	Express Mail No.()
	and was amended on (if applicable)
[]	was described and claimed in PCT International Application No
filed on	and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional	or
foreign application(s) for patent or inventor's certificate or of any PCT international application	(s)
designating at least one country other than the United States of America listed below, and have all	lso
identified below any provisional or foreign application(s) for patent or inventor's certificate or any Po	CI
international application(s) designating at least one country other than the United States of America til	led
by me on the same subject matter having a filing date before that of the application(s) of which priority	/ is
claimed.	

	[x] No such applications have been filed.						
	[]	Such applications have been filed as follows:					
A	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Coun	try/PCT	Application No	Date Filed	Priority Claimed		
					[] Yes [] No [] Yes [] No [] Yes [] No		
В.		eign application	ation(s), if any, filed n	nore than 12 mos.	(6 mos for design) prior to this		
	Countr Applica Filing of	ation No:					
C.	U.S. P	rovisional A	Application filed withi	n 12 months prio	to this application		
	<u>Serial</u>	No.		Filing Date			
			PRIORITY CI	_AIM (35 U.S.C. §1	20)		
PCT in insofar applica acknow (namel importa	iternatio as the ition(s) i vledge y, inforr	nal applicate subject main the manithe duty to mation where sciency where sciency where sciency where the mattern than the sciency where the sciency was a sciency with the sciency was a sciency was a sciency with the sciency was a sciency with the sciency was a sciency was a sciency was a sciency with the sciency was a	tion(s) designating the tter of each of the clainer provided by the foliation disclose information there is substantial there to allow the application.	United States of ims of this applications of this applications that is material to likelihood that a recation to issue as	, of any United States application(s) or America that is/are listed below and, ion is not disclosed in that/those prior Fitle 35, United States Code, §112, I the examination of this application easonable Examiner would consider it a patent) which occurred between the ional filing date of this application.		
	[x]	No such a Such app	applications have been lications have been file	filed ed, as follows:	,		
					Status		
	Serial Aband		iling Date	<u>Patented</u>	<u>Pending</u>		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glen	Registration No. 44,713
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson THOMASON, MOSER & PATTERSON, L.L.P. 713-623-4844

DECLARATION

Full name of sole or fi	rst inventor: Mark M. Hytro	os
Inventor's signature:		Date:
Residence:	Santa Clara, California	
Post Office Address:	592 Mill Creek Lane, #301 Santa Clara, CA 95054 U.S.A.	. Country of Citizenship: U.S.A.

Full name of sec nd in	ventor: Truc T. Tran	
Inventor's signature:	Trichally	Date: 4 10/02
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terrace Fremont, CA 94539 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inver	ntor: Salvador P. Umotoy	
Inventor's signature:		Date:
Residence:	Antioch, California	
Post Office Address:	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inve	entor: Lawrence Chung-Lai Le	ei
Inventor's signature:		Date:
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Drive Milpitas, CA 95035 U.S.A.	Country of Citizenship: U.S.A.
Full name of fifth inven	tor: Avgerinos Gelatos	
nventor's signature:		Date:
Residence:	Redwood City, California	
Post Office Address:	2651 Eaton Avenue Redwood City, CA 94062 U.S.A. Countr	y of Citizenship: U.S.A.
Full name of sixth inve	ntor: Tong Zhang	
nventor's signature:		Date:
Residence:	Palo Alto, California	
Post Office Address:	870 Loma Verde Avenue Palo Alto, CA 94303	v of Citizenshin: U.S.A

E-\tams\Appm\New-PatentMame\DECt ARE MRG doc



[]

accordance with 37 CFR §1.98.

As a below n	amed inventor, i nereby declare that:	
This declaration	on is of the following type:	COPY OF PAPERS ORIGINALLY FILED
[X] [] []	original divisional continuation continuation-in-part	THE CLY FILED
	INVENTORSHIP IDENTIFICATION	
original, first a	post office address and citizenship are as stated below next to my rand sole inventor (if only one name is listed below) or an original, fare listed below) of the subject matter which is claimed and for whice entitled:	irst and joint inventor (if
DUAL	-GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION	PROCESSES
	SPECIFICATION IDENTIFICATION	
The specificat	ion of which:	
[] [X] [] filed on	is attached hereto was filed on December 27, 2001 , under Serial No. 10/033,544, herewith; or Express Mail No.() and was amended on (if applicable) was described and claimed in PCT International Application No)
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF	
	that I have reviewed and understand the contents of the above laims, as amended by any amendment referred to above.	e-identified specification,
Title 37, Code namely, inform	e the duty to disclose all information I know to be material to patenta of Federal Regulations, §1.56, and which is material to the examin nation where there is a substantial likelihood that a reasonable Exa eciding whether to allow the application to issue as a patent, and	nation of this application;

In compliance with this duty there is attached an Information Disclosure Statement in

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

[x]

	[] Such appli	cations have been file	ed as follows:	
A		application(s) filed any priority claims un		mos. for design) prior to this
	Country/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
B .	All foreign application	ation(s), if any, filed i	more than 12 mos. (6 n	nos for design) prior to this
	Country: Application No: Filing date:			
C.	U.S. Provisional A	pplication filed with	in 12 months prior to t	his application
	Serial No.		Filing Date	
		PRIORITY C	LAIM (35 U.S.C. §120)	
PCT intinsofar applicat acknow (namely importa	ternational applications the subject mather items in the manner items in the manner items in the manner in the manner in the mather in deciding whether items in the mather in the mathe	on(s) designating the ter of each of the cla er provided by the f disclose information there is substantial her to allow the appli	e United States of Ame ims of this application is irst paragraph of Title that is material to the likelihood that a reason cation to issue as a pat	any United States application(s) or prica that is/are listed below and, is not disclosed in that/those prior 35, United States Code, §112, I examination of this application hable Examiner would consider it tent) which occurred between the filing date of this application.
		oplications have been cations have been file		
	Serial No. Fili Abandoned	ng Date	Patented	Status Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glen	Registration No. 44,713
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A B. Todd Patterson THOMASON, MOSER & PATTERSON, L.L.P.

713-623-4844

Santa Clara, CA 95052

DECLARATION

Full name of sole or fi	rst inventor: Mark M. Hytros	5
Inventor's signature:		Date:
Residence:	Santa Clara, California	
Post Office Address:	592 Mill Creek Lane, #301 Santa Clara, CA 95054 U.S.A.	. Country of Citizenship: U.S.A.

Full name of second in	ventor: Truc T. Tran	
Inventor's		2
signature:		Date:
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terrace Fremont, CA 94539 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inve	ntor: Salvador P. Umotoy	
Inventor's signature:	moz	Date: 03/08/02
Residence:	Antioch, California	• •
Post Office Address:	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inv	entor: Lawrence Chung-Lai	i Lei
Inventor's signature:		Date:
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Drive Milpitas, CA 95035 U.S.A.	Country of Citizenship: U.S.A.
Full name of fifth inven	tor: Avgerinos Gelatos	
Inventor's signature:		Date:
Residence:	Redwood City, California	
Post Office Address:	Redwood City, CA 94062	ntry of Citizenship: U.S.A.
Full name of sixth inve	ntor: Tong Zhang	
Inventor's signature:		Date:
Residence:	Palo Alto, California	
Post Office Address:	870 Loma Verde Avenue Palo Alto, CA 94303	ntry of Citizenship: U.S.A.

E:\forms\Appm\New-Paters\Merce\DECLARE.MRG.doc



As a below named inventor, I hereby declare that:

inis declaration is	ot	the	tollowing	type:

[X]	original
	divisional
[]	continuation
[]	continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL-GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION PROCESSES

SPECIFICATION IDENTIFICATION

The specification of which	The sp	pecifica	ation	of	which	1:
----------------------------	--------	----------	-------	----	-------	----

[]	is attached hereto
[X]	was filed on December 27, 2001, under Serial No. 10/033,544, executed on even date
	herewith; or
[]	Express Mail No.()
	and was amended on (if applicable)
[]	was described and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

claime	d.					
	[x]	No such	applications have t	een filed.		
	[]	Such ap	plications have bee	n filed as follows:		
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to t application, and any priority claims under 35 U.S.C. §119				or design) prior to this	
	Cour	ntry/PCT	Application No	<u>Date F</u>	iled	Priority Claimed
						[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign appli pplication		led more than 12 n	nos. (6 mos for	design) prior to this
	Countr Applica Filing of	ation No:				
C.	U.S. P	rovisional	Application filed	within 12 months p	orior to this app	lication
	<u>Serial</u>	No.		Filing Date		
			PRIORIT	Y CLAIM (35 U.S.C	c. §120)	
PCT in insofar applica acknow (namel importa	nternation as the strion(s) in viedge to ly, informant in de	nal applica subject man n the man the duty to nation who eciding who	ation(s) designating atter of each of the ner provided by to disclose informater there is substate there to allow the a	the United States e claims of this app he first paragraph tion that is materi ntial likelihood that application to issue	of America tha lication is not di of Title 35, Uni al to the exam a reasonable E as a patent) wh	ed States application(s) or at is/are listed below and, sclosed in that/those prior ted States Code, §112, I ination of this application xaminer would consider it sich occurred between the ate of this application.
	[x]		applications have b blications have bee			
	Serial I		Filing Date	<u>Patented</u>	Status Pendi	ng

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glen	Registration No. 44,713
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
Douglas H. Elliott	Registration No. 32,982
William B. Patterson	Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A

Santa Clara, CA 95052

B. Todd Patterson

THOMASON, MOSER & PATTERSON, L.L.P.

713-623-4844

DECLARATION

Full name of sole or fi	rst inventor: Mark M. Hytro	os
Inventor's signature:		Date:
Residence:	Santa Clara, California	
Post Office Address:	592 Mill Creek Lane, #301 Santa Clara, CA 95054	. Country of Citizenship: U.S.A.
	U.S.A.	Country of Calzenship: 0.5.A.

Full name of second in	ventor: Truc T. Tran	
Inventor's		
signature:		Date:
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terra Fremont, CA 94539 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inver	ntor: Salvador P. Ur	notoy
Inventor's signature:		Date:
Residence:	Antioch, California	
Post Office Address:	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inve	entor: Lawrence Chu	ng-Lai Lei
Inventor's signature:	Yenca Chry	105 despate: 45/02
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Driv Milpitas, CA 95035 U.S.A.	re Country of Citizenship: U.S.A.
Full name of fifth inven	tor: Avgerinos Gela	atos
Inventor's		
signature:		Date:
Residence:	Redwood City, Californi	a
Post Office Address:	2651 Eaton Avenue Redwood City, CA 940 U.S.A.	062 Country of Citizenship: U.S.A.
Full name of sixth inver	ntor: Tong Zhang	
Inventor's signature:		Date:
Residence:	Palo Alto, California	Date
Post Office Address:	870 Loma Verde Avenu Palo Alto, CA 94303 U.S.A.	ue Country of Citizenship: U.S.A.

E:Vorms\Appm\New-Patent\Merge\DECLARE.MRG.doc

COMBINED DECEMATION AND OWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

[X] original[] divisional[] continuation[] continuation-in-part



INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL-GAS DELIVERY SYSTEM FOR CHEMICAL VAPOR DEPOSITION PROCESSES

SPECIFICATION IDENTIFICATION

The specification of wl	hic	h:
-------------------------	-----	----

[]	is attached hereto
[X]	was filed on December 27, 2001, under Serial No. 10/033,544, executed on even date
	herewith; or
[]	Express Mail No.()
	and was amended on (if applicable)
[]	was described and claimed in PCT International Application No
filed on	and as amended under PCT Article 19 on

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[x]	No such	applications have be	een filed.			
	[]	Such app	olications have been	filed as follows:			
A .	Prior applic	foreign/P(ation, and	CT application(s) fany priority claims	filed within 12 m s under 35 U.S.C.	nos. (6 mos. 1 §119	for design) pri	or to this
	Cour	ntry/PCT	Application No	Date F	iled	Priority Clain	ned
						[] Yes [] [] Yes [] [] Yes []	
В.	All for U.S. a	eign appli pplication	cation(s), if any, file	ed more than 12 n	nos. (6 mos foi	r design) prior t	to this
	Countr Applica Filing o	ation No:					
C.	U.S. P	rovisional	Application filed w	ithin 12 months p	prior to this ap	plication	
	<u>Serial</u>	No.		Filing Date			
			PRIORITY	CLAIM (35 U.S.C	. §120)		
PCT in insofar applica acknow (namely importa	ternation as the stion(s) in viedge t y, inform ant in de	nal applica subject man the man he duty to nation whe ciding whe	under Title 35, Unite tion(s) designating atter of each of the ner provided by the disclose information re there is substantion either to allow the ap- tication(s) and the na	the United States claims of this apple first paragraph on that is materiatial likelihood that application to issue	of America the lication is not do fittle 35, Un all to the exama reasonable E as a patent) when the control of	at is/are listed to isclosed in that/ited States Coolination of this examiner would nich occurred by	below and, those prior de, §112, I application consider it
	[x]		applications have be lications have been				
	Serial N		iling Date	Patented	Status Pend		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052

:.

THOMASON, MOSER & PATTERSON, L.L.P.

713-623-4844

B. Todd Patterson

DECLARATION

Full name of sole or fi	rst inventor: Mark M. Hytr	os
Inventor's signature:		Date:
Residence:	Santa Clara, California	
Post Office Address:	592 Mill Creek Lane, #301 Santa Clara, CA 95054 U.S.A.	. Country of Citizenship: U.S.A.

Full name of second i	nventor: Truc T. Tran	
Inventor's signature:		Date:
Residence:	Fremont, California	
Post Office Address:	45354 Rutherford Terra Fremont, CA 94539 U.S.A.	Country of Citizenship: U.S.A.
Full name of third inve	entor: Salvador P. Ur	notoy
Inventor's signature:		Date:
Residence:	Antioch, California	
Post Office Address:	2801 Wildflower Drive Antioch, CA 94509 U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inv	ventor: Lawrence Chu	ng-Lai Lei
Inventor's signature:		Date:
Residence:	Milpitas, California	
Post Office Address:	1594 Country Club Driv Milpitas, CA 95035 U.S.A.	e Country of Citizenship: U.S.A.
Full name of fifth inver	ntor: Avgerinos Gela	itos
nventor's signature:	Ma Lacy Redwood City, Californi	Date:4-Z4-© ≥
Post Office Address:	2651 Eaton Avenue Redwood City, CA 940 U.S.A.	062 Country of Citizenship: U.S.A.
Full name of sixth inve	ntor: Tong Zhang	
nventor's signature:		Date:
•	Palo Alto, California	
Post Office Address:	870 Loma Verde Avenu Palo Alto, CA 94303 U.S.A.	Country of Citizenship: U.S.A.
		,

E:\forms\Appm\New-Patent\Merge\DECLARE.MRG.doc